

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) An isolated nucleic acid having at least 80% nucleic acid sequence identity to:

(a) a nucleic acid sequence encoding the polypeptide of shown in Figure 128 (SEQ ID NO:128);

(b) a nucleic acid sequence encoding the polypeptide of shown in Figure 128 (SEQ ID NO:128), lacking its associated signal peptide;

~~(c) a nucleic acid sequence encoding the extracellular domain of the polypeptide of shown in Figure 128 (SEQ ID NO:128);~~

~~(d) a nucleic acid sequence encoding the extracellular domain of the polypeptide of shown in Figure 128 (SEQ ID NO:128) lacking its associated signal peptide;~~

~~(e)~~ (c) the nucleic acid sequence of shown in Figure 127 (SEQ ID NO:127);

~~(f)~~ (d) the full-length coding sequence of the nucleic acid sequence of shown in Figure 127 (SEQ ID NO:127); or

~~(g)~~ (e) the full-length coding sequence of the cDNA deposited under ATCC accession number 203536;

wherein said isolated nucleic acid is more highly expressed in normal rectal tissue compared to rectal tumor, or wherein said isolated nucleic acid encodes a polypeptide that is more highly expressed in normal rectal tissue compared to rectal tumor.

2. (Currently Amended) The isolated nucleic acid of Claim 1 having at least 85% nucleic acid sequence identity to:

(a) a nucleic acid sequence encoding the polypeptide of shown in Figure 128 (SEQ ID NO:128);

(b) a nucleic acid sequence encoding the polypeptide of shown in Figure 128 (SEQ ID NO:128), lacking its associated signal peptide;

~~(c) a nucleic acid sequence encoding the extracellular domain of the polypeptide of shown in Figure 128 (SEQ ID NO:128);~~

~~(d) a nucleic acid sequence encoding the extracellular domain of the polypeptide of shown in Figure 128 (SEQ ID NO:128) lacking its associated signal peptide;~~

~~(e)~~ (c) the nucleic acid sequence of shown in Figure 127 (SEQ ID NO:127);

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~~(f)~~ (d) the full-length coding sequence of the nucleic acid sequence of shown in Figure 127 (SEQ ID NO:127); or

~~(g)~~ (e) the full-length coding sequence of the cDNA deposited under ATCC accession number 203536;

wherein said isolated nucleic acid is more highly expressed in normal rectal tissue compared to rectal tumor, or wherein said isolated nucleic acid encodes a polypeptide that is more highly expressed in normal rectal tissue compared to rectal tumor.

3. (Currently Amended) The isolated nucleic acid of Claim 1 having at least 90% nucleic acid sequence identity to:

(a) a nucleic acid sequence encoding the polypeptide of shown in Figure 128 (SEQ ID NO:128);

(b) a nucleic acid sequence encoding the polypeptide of shown in Figure 128 (SEQ ID NO:128), lacking its associated signal peptide;

~~(c) a nucleic acid sequence encoding the extracellular domain of the polypeptide of shown in Figure 128 (SEQ ID NO:128);~~

~~(d) a nucleic acid sequence encoding the extracellular domain of the polypeptide of shown in Figure 128 (SEQ ID NO:128) lacking its associated signal peptide;~~

(e) ~~(c)~~ the nucleic acid sequence of shown in Figure 127 (SEQ ID NO:127);

~~(f)~~ (d) the full-length coding sequence of the nucleic acid sequence of shown in Figure 127 (SEQ ID NO:127); or

~~(g)~~ (e) the full-length coding sequence of the cDNA deposited under ATCC accession number 203536;

wherein said isolated nucleic acid is more highly expressed in normal rectal tissue compared to rectal tumor, or wherein said isolated nucleic acid encodes a polypeptide that is more highly expressed in normal rectal tissue compared to rectal tumor.

4. (Currently Amended) The isolated nucleic acid of Claim 1 having at least 95% nucleic acid sequence identity to:

(a) a nucleic acid sequence encoding the polypeptide of shown in Figure 128 (SEQ ID NO:128);

(b) a nucleic acid sequence encoding the polypeptide of shown in Figure 128 (SEQ ID NO:128), lacking its associated signal peptide;

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~~(e) a nucleic acid sequence encoding the extracellular domain of the polypeptide of shown in Figure 128 (SEQ ID NO:128);~~

~~(d) a nucleic acid sequence encoding the extracellular domain of the polypeptide of shown in Figure 128 (SEQ ID NO:128) lacking its associated signal peptide;~~

(e) (c) the nucleic acid sequence of shown in Figure 127 (SEQ ID NO:127);

(f) (d) the full-length coding sequence of the nucleic acid sequence of shown in Figure 127 (SEQ ID NO:127); or

(g) (e) the full-length coding sequence of the cDNA deposited under ATCC accession number 203536;

wherein said isolated nucleic acid is more highly expressed in normal rectal tissue compared to rectal tumor, or wherein said isolated nucleic acid encodes a polypeptide that is more highly expressed in normal rectal tissue compared to rectal tumor.

5. (Currently Amended) The isolated nucleic acid of Claim 1 having at least 99% nucleic acid sequence identity to:

(a) a nucleic acid sequence encoding the polypeptide of shown in Figure 128 (SEQ ID NO:128);

(b) a nucleic acid sequence encoding the polypeptide of shown in Figure 128 (SEQ ID NO:128), lacking its associated signal peptide;

~~(c) a nucleic acid sequence encoding the extracellular domain of the polypeptide of shown in Figure 128 (SEQ ID NO:128);~~

~~(d) a nucleic acid sequence encoding the extracellular domain of the polypeptide of shown in Figure 128 (SEQ ID NO:128) lacking its associated signal peptide;~~

(e) (c) the nucleic acid sequence of shown in Figure 127 (SEQ ID NO:127);

(f) (d) the full-length coding sequence of the nucleic acid sequence of shown in Figure 127 (SEQ ID NO:127); or

(g) (e) the full-length coding sequence of the cDNA deposited under ATCC accession number 203536;

wherein said isolated nucleic acid is more highly expressed in normal rectal tissue compared to rectal tumor, or wherein said isolated nucleic acid encodes a polypeptide that is more highly expressed in normal rectal tissue compared to rectal tumor.

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6. (Currently Amended) An isolated nucleic acid comprising:

(a) a nucleic acid sequence encoding the polypeptide ~~of shown in Figure 128~~ (SEQ ID NO:128);

(b) a nucleic acid sequence encoding the polypeptide ~~of shown in Figure 128~~ (SEQ ID NO:128), lacking its associated signal peptide;

~~(c) a nucleic acid sequence encoding the extracellular domain of the polypeptide of shown in Figure 128 (SEQ ID NO:128);~~

~~(d) a nucleic acid sequence encoding the extracellular domain of the polypeptide of shown in Figure 128 (SEQ ID NO:128) lacking its associated signal peptide;~~

~~(e)~~ (c) the nucleic acid sequence ~~of shown in Figure 127~~ (SEQ ID NO:127);

~~(f)~~ (d) the full-length coding sequence of the nucleic acid sequence ~~of shown in Figure 127~~ (SEQ ID NO:127); or

~~(g)~~ (e) the full-length coding sequence of the cDNA deposited under ATCC accession number 203536.

7. (Currently Amended) The isolated nucleic acid of Claim 6 comprising a nucleic acid sequence encoding the polypeptide ~~of shown in Figure 128~~ (SEQ ID NO:128).

8. (Currently Amended) The isolated nucleic acid of Claim 6 comprising a nucleic acid sequence encoding the polypeptide ~~of shown in Figure 128~~ (SEQ ID NO:128), lacking its associated signal peptide.

9. (Cancelled)

10. (Cancelled)

11. (Currently Amended) The isolated nucleic acid of Claim 6 comprising the nucleic acid sequence ~~of shown in Figure 127~~ (SEQ ID NO:127).

12. (Currently Amended). The isolated nucleic acid of Claim 6 comprising the full-length coding sequence of the nucleic acid sequence ~~of shown in Figure 127~~ (SEQ ID NO:127).

13. (Original) The isolated nucleic acid of Claim 6 comprising the full-length coding sequence of the cDNA deposited under ATCC accession number 203536.

14-16. (Cancelled)

17. (Original) A vector comprising the nucleic acid of Claim 1.

18. (Original) The vector of Claim 17, wherein said nucleic acid is operably linked to control sequences recognized by a host cell transformed with the vector.

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19. (Original) An isolated host cell comprising the vector of Claim 17.
20. (Original) The host cell of Claim 19, wherein said cell is a CHO cell, an E. coli or a yeast cell.

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DELETION OF INVENTORS

Please correct the inventorship under 37 CFR §1.48(b) by removing the following inventors from the present application:

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